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OIPE

RAW SEQUENCE LISTING DATE: 11/27/2001 PATENT APPLICATION: US/09/939,832 TIME: 12:58:26

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13		APPELT, KRZYSZTOF	
		TITLE OF INVENTION: MODIFICATIONS OF THE VEGF RECEPTOR-2 PROTEIN	AND
16		METHODS OF USE	
		FILE REFERENCE: 0125-0016US	
		CURRENT APPLICATION NUMBER: 09/939,832	
		CURRENT FILING DATE: 2001-08-28 PRIOR APPLICATION NUMBER: 09/390,326	
		PRIOR FILING DATE: 1999-09-07	
		NUMBER OF SEQ ID NOS: 12	
		SOFTWARE: PatentIn Ver. 2.0	
		SEQ ID NO: 1	
		LENGTH: 31 TYPE: DNA	
		ORGANISM: Homo sapiens	
		SEQUENCE: 1	
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		LENGTH: 34	
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		cgact taaacaggag gagagctcag tgtg 34	
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52	gcacat	tatgg aacgactgcc ttatgatgcc agc 33	
		SEQ ID NO: 4	
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72 Tyr Asp Ala Ser Lys Trp Glu Phe Pro Arg Asp Arg Leu Lys Leu Gly
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75 Lys Pro Leu Gly Arg Gly Ala Phe Gly Gln Val Ile Glu Ala Asp Ala
78 Phe Gly Ile Asp Lys Thr Ala Thr Cys Arg Thr Val Ala Val Lys Met
81 Leu Lys Glu Gly Ala Thr His Ser Glu His Arg Ala Leu Met Ser Glu
                                            75
                        70
84 Leu Lys Ile Leu Ile His Ile Gly His His Leu Asn Val Val Asn Leu
87 Leu Gly Ala Cys Thr Lys Pro Gly Gly Pro Leu Met Val Ile Val Glu
                                   105
              100
90 Phe Cys Lys Phe Gly Asn Leu Ser Thr Tyr Leu Arg Ser Lys Arg Asn
          115
                               120
93 Glu Phe Val Pro Tyr Lys Glu Ala Pro Glu Asp Leu Tyr Lys Asp Phe
                           135
                                               140
96 Leu Thr Leu Glu His Leu Leu Ile Cys Tyr Ser Phe Gln Val Ala Lys
                       150
                                           155
99 Gly Met Glu Phe Leu Ala Ser Arg Lys Cys Ile His Arg Asp Leu Ala
102 Ala Arg Asn Ile Leu Leu Ser Glu Lys Asn Val Val Lys Ile Cys Asp
                180
                                    185
105 Phe Gly Leu Ala Arg Asp Ile Tyr Lys Asp Pro Asp Tyr Val Arg Lys
                                200
108 Gly Asp Ala Arg Leu Pro Leu Lys Trp Met Ala Pro Glu Thr Ile Phe
                            215
111 Asp Arg Val Tyr Thr Ile Gln Ser Asp Val Trp Ser Phe Gly Val Leu
                        230
                                            235
114 Leu Trp Glu Ile Phe Ser Leu Gly Ala Ser Pro Tyr Pro Gly Val Lys
                    245
                                        250
117 Ile Asp Glu Glu Phe Cys Arg Arg Leu Lys Glu Gly Thr Arg Met Arg
118
                                    265
120 Ala Pro Asp Tyr Thr Thr Pro Glu Met Tyr Gln Thr Met Leu Asp Cys
            275
                                280
123 Trp His Gly Glu Pro Ser Gln Arg Pro Thr Phe Ser Glu Leu Val Glu
                            295
126 His Leu Gly Asn Leu Leu Gln Ala Asn Ala Gln Gln Asp
127 305
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131 <210> SEQ ID NO: 6
132 <211> LENGTH: 386
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222 Glu Leu Pro Arg Asp Arg Leu Val Leu Gly Lys Pro Leu Gly Glu Gly
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225 Cys Phe Gly Gln Val Val Leu Ala Glu Ala Ile Gly Leu Asp Lys Asp
228 Lys Pro Asn Arg Val Thr Lys Val Ala Val Lys Met Leu Lys Ser Asp
                             55
231 Ala Thr Glu Lys Asp Leu Ser Asp Leu Ile Ser Glu Met Glu Met Met
234 Lys Met Ile Gly Lys His Lys Asn Ile Ile Asn Leu Leu Gly Ala Cys
                                         90
237 Thr Gln Asp Gly Pro Leu Tyr Val Ile Val Glu Tyr Ala Ser Lys Gly
               100
                                    105
240 Asn Leu Arg Glu Tyr Leu Gln Ala Arg Arg Pro Pro Gly Leu Glu Tyr
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                                120
                                                    125
243 Cys Tyr Asn Pro Ser His Asn Pro Glu Glu Gln Leu Ser Ser Lys Asp
                            135
246 Leu Val Ser Cys Ala Tyr Gln Val Ala Arg Gly Met Glu Tyr Leu Ala
247 145
                        150
249 Ser Lys Lys Cys Ile His Arg Asp Leu Ala Ala Arg Asn Val Leu Val
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                                        170
252 Thr Glu Asp Asn Val Met Lys Ile Ala Asp Phe Gly Leu Ala Arg Asp
                                    185
255 Ile His His Ile Asp Tyr Tyr Lys Lys Thr Thr Asn Gly Arg Leu Pro
           195
                                200
                                                    205
258 Val Lys Trp Met Ala Pro Glu Ala Leu Phe Asp Arg Ile Tyr Thr His
                            215
                                                220
261 Gln Ser Asp Val Trp Ser Phe Gly Val Leu Leu Trp Glu Ile Phe Thr
                        230
                                            235
264 Leu Gly Gly Ser Pro Tyr Pro Gly Val Pro Val Glu Glu Leu Phe Lys
                                        250
                    245
267 Leu Leu Lys Glu Gly His Arg Met Asp Lys Pro Ser Asn Cys Thr Asn
                                    265
270 Glu Leu Tyr Met Met Met Arg Asp Cys Trp His Ala Val Pro Ser Gln
           275
                                280
273 Arg Pro Thr Phe Lys Gln Leu Val Glu Asp Leu Asp Arg Ile Val Ala
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276 Leu Thr Ser Asn Gln Glu
277 305
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283 <213> ORGANISM: Homo sapiens
285 <400> SEQUENCE: 8
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Input Set : N:\Crf3\RULE60\09939832.txt
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VERIFICATION SUMMARY

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